

What is claimed is:

1. A Web server that has a function of a Java servlet and stores a Java program that performs a process
5 of generating an HTML file of a Web page for a display on a terminal device of a network user, the Web server comprising:
 - an obtaining portion for obtaining an HTML file of a Web page from a terminal device of a person who has
10 created or modified the Web page;
 - a first conversion portion for converting the obtained HTML file of the Web page into Java codes;
 - a program updating portion for updating the Java program by replacing the converted Java codes of the
15 obtained HTML file of the Web page with a part of the Java program related to a structure of the Web page;
 - an extraction portion for extracting Java codes of a part related to a structure of a designated Web page from the Java program;
 - 20 a second conversion portion for converting the extracted Java codes into an HTML file; and
 - a transmission portion for transmitting the converted HTML file to the terminal device that made the designation, wherein if the obtained HTML file contains a
25 tag indicating a part that cannot be modified, the first conversion portion converts the tag into a Java code indicating a part that cannot be modified, and the second conversion portion converts the code contained in the extracted Java codes into the tag.
- 30 2. A Web server according to claim 1, wherein the

Java program includes business logic for performing a process of an operation for one Web page and screen generation logic for generating an HTML source code of the part related to the structure of the Web page, and the first conversion portion converts the tag contained in the obtained HTML file into a Java code having a function of receiving a result of the operation by the business logic.

3. A Web server according to claim 1, wherein if the HTML file obtained by the obtaining portion contains a path of another file, a path memory portion for memorizing a path name of the path as path information and a path update portion for updating the path name are provided, and the second conversion portion converts the part of the extracted Java codes indicating the path of another file into an HTML file in accordance with the path information memorized in the path memory portion.

4. A method for updating a Java program in a Web server that has a function of a Java servlet and stores a Java program that performs a process of generating an HTML file of a Web page for a display on a terminal device of a network user, the method comprising the steps of:
extracting Java codes of a part related to a structure of a designated Web page from the Java program;
converting the extracted Java codes into an HTML file;
transmitting the converted HTML file to the terminal device that made the designation;
obtaining a modified HTML file from the terminal device that made the designation;
converting the obtained HTML file into Java codes;

and

updating the Java program by replacing the converted
Java codes with a part of the Java program related to a
structure of a Web page corresponding to the codes,

5 wherein

in the step of converting into the Java codes, if
the obtained HTML file contains a tag indicating a part
that cannot be modified, the tag is converted into a Java
code indicating a part that cannot be modified, and

10 in the step of converting into the HTML file, the
code contained in the extracted Java codes is converted
into the tag.

5. A computer program that is used for a computer
that has a function of a Java servlet and stores an HTML
15 generating program that performs a process of generating
an HTML file of a Web page for a display on a terminal
device of a network user, the computer program making the
computer to perform the process comprising the steps of:

obtaining an HTML file of a Web page from a terminal
20 device of a person who has created or modified the Web
page;

converting the obtained HTML file of the Web page
into Java codes;

updating the HTML generating program by replacing
25 the converted Java codes of the obtained HTML file of the
Web page with a part of the HTML generating program
related to a structure of the Web page;

extracting Java codes of a part related to a
structure of a designated Web page from the HTML
30 generating program;

converting the extracted Java codes into an HTML
file; and

transmitting the converted HTML file to the terminal
device that made the designation, wherein

5 in the step of converting into the Java codes, if
the obtained HTML file contains a tag indicating a part
that cannot be modified, the tag is converted into a Java
code indicating a part that cannot be modified, and

10 in the step of converting into the HTML file, the
code contained in the extracted Java codes is converted
into the tag.